



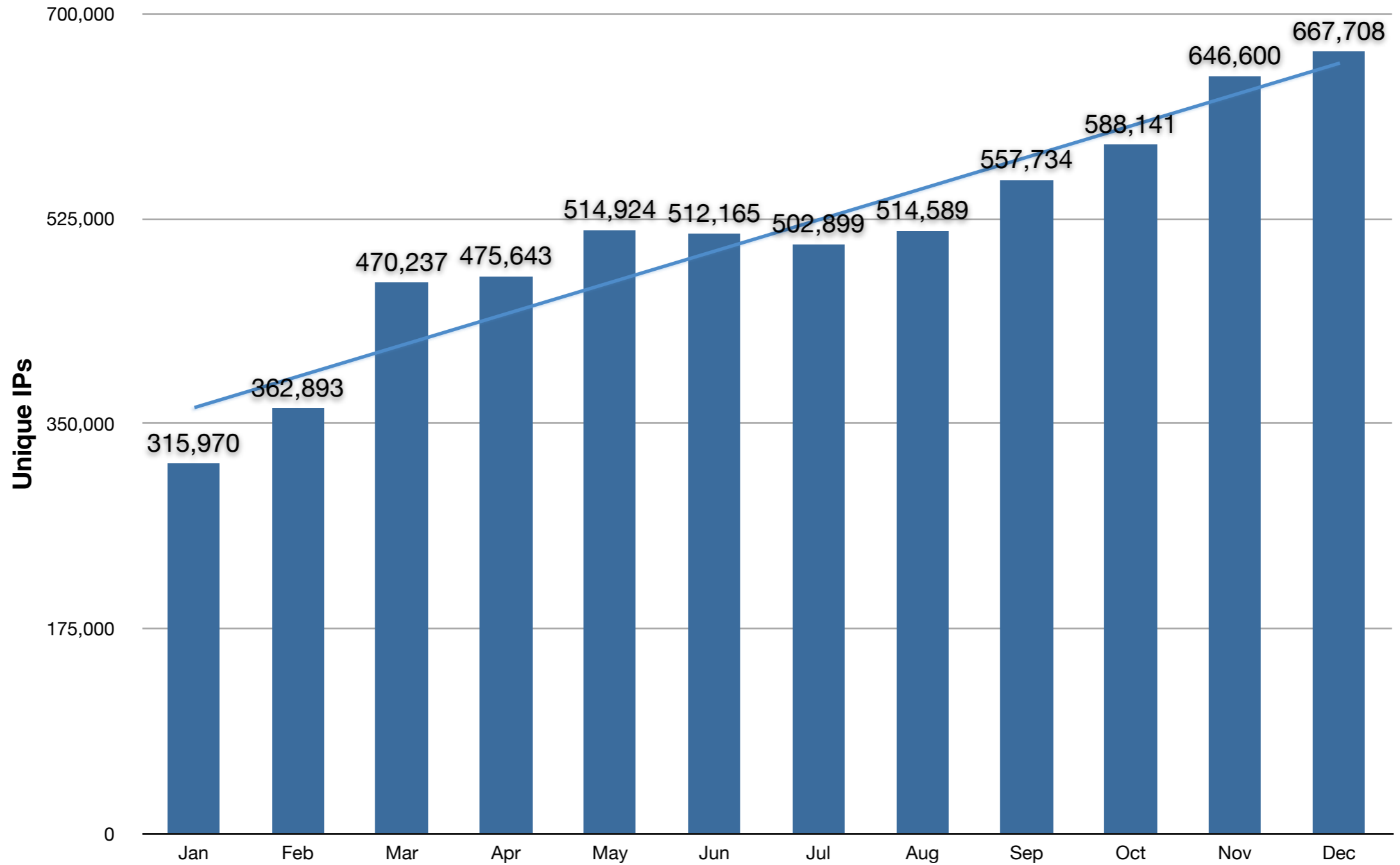
Next Generation Development Infrastructure

Jason van Zyl - <http://twitter.com/jvanzyl>

☰ SONATYPE

Wednesday, January 27th, 2010

Maven Central 2009: Unique IPs / Month

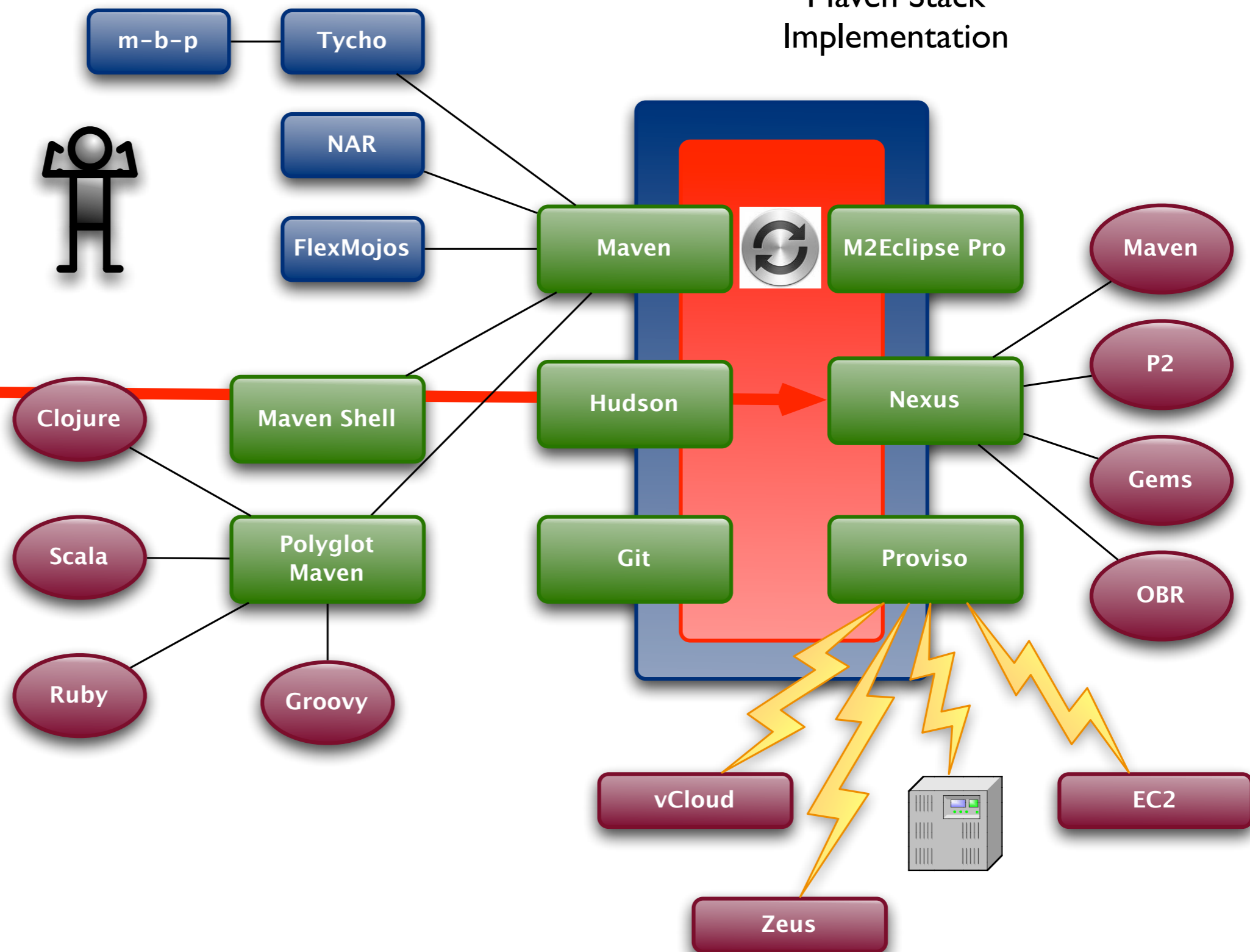


2008 Total Unique IPs: 1,836,709

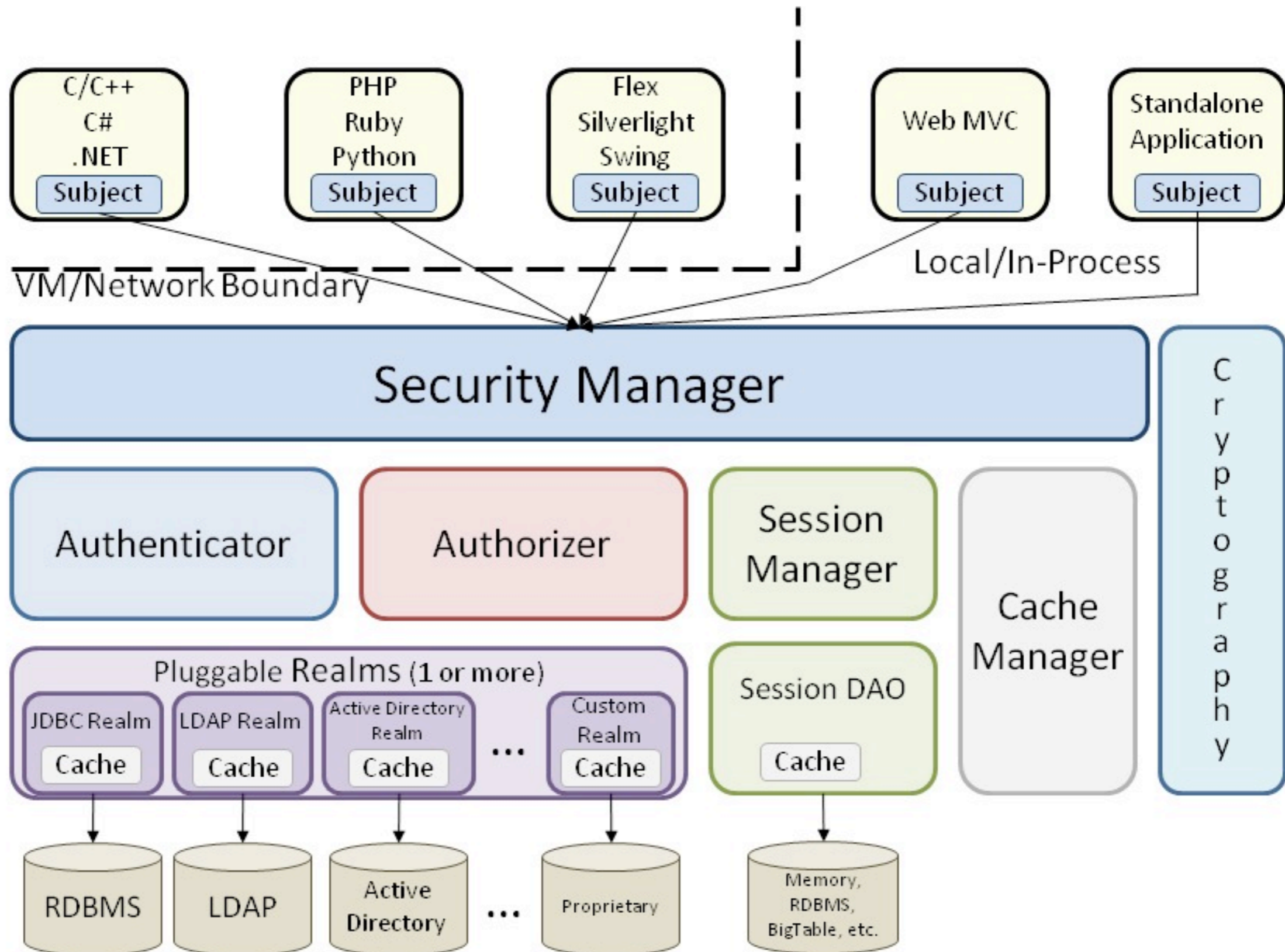
2009 Total Unique IPs: 3,978,964

Maven Stack Infrastructure

Maven Stack Implementation

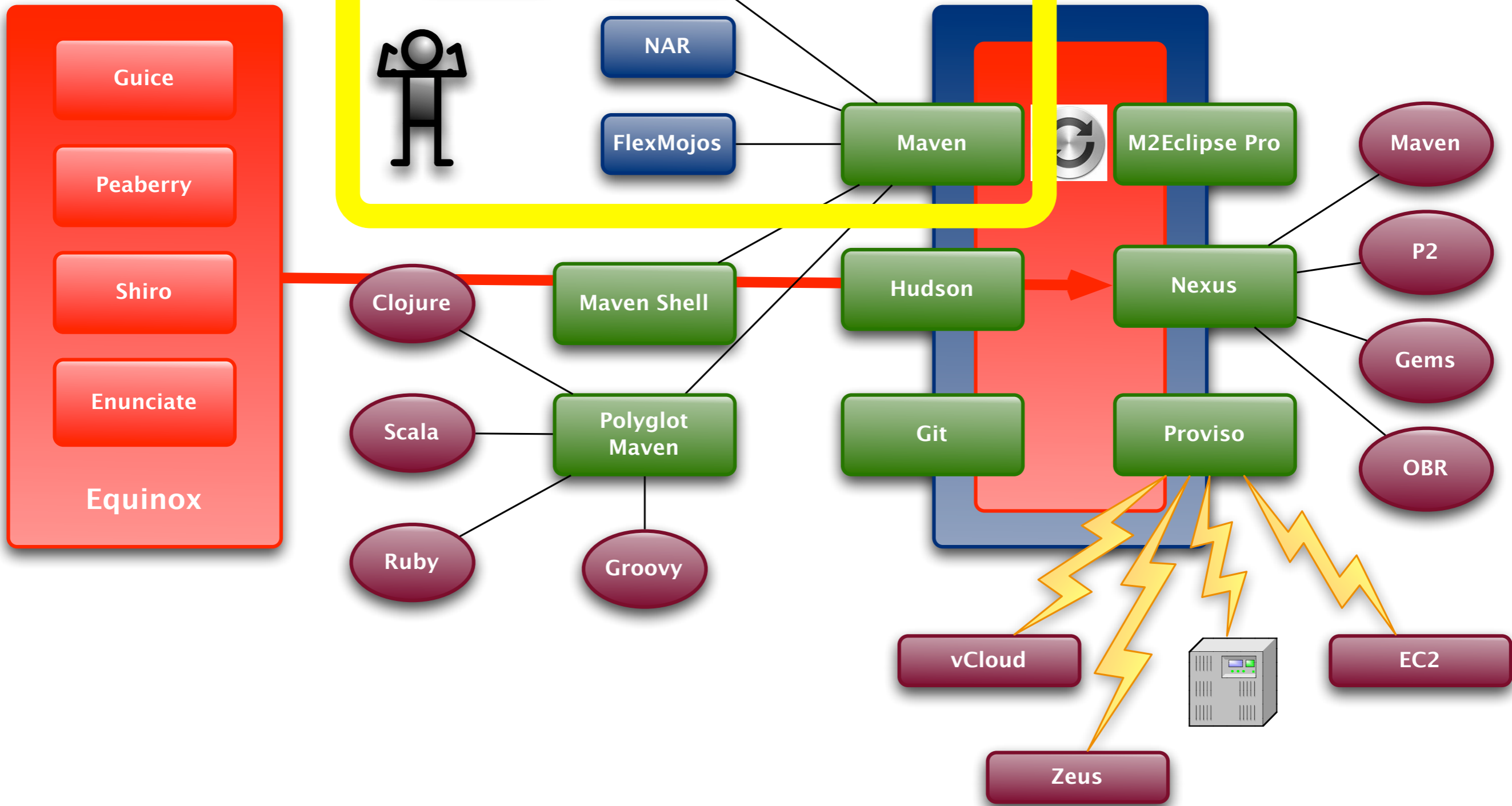


Apache Shiro



Maven Stack Infrastructure

Maven Stack Implementation

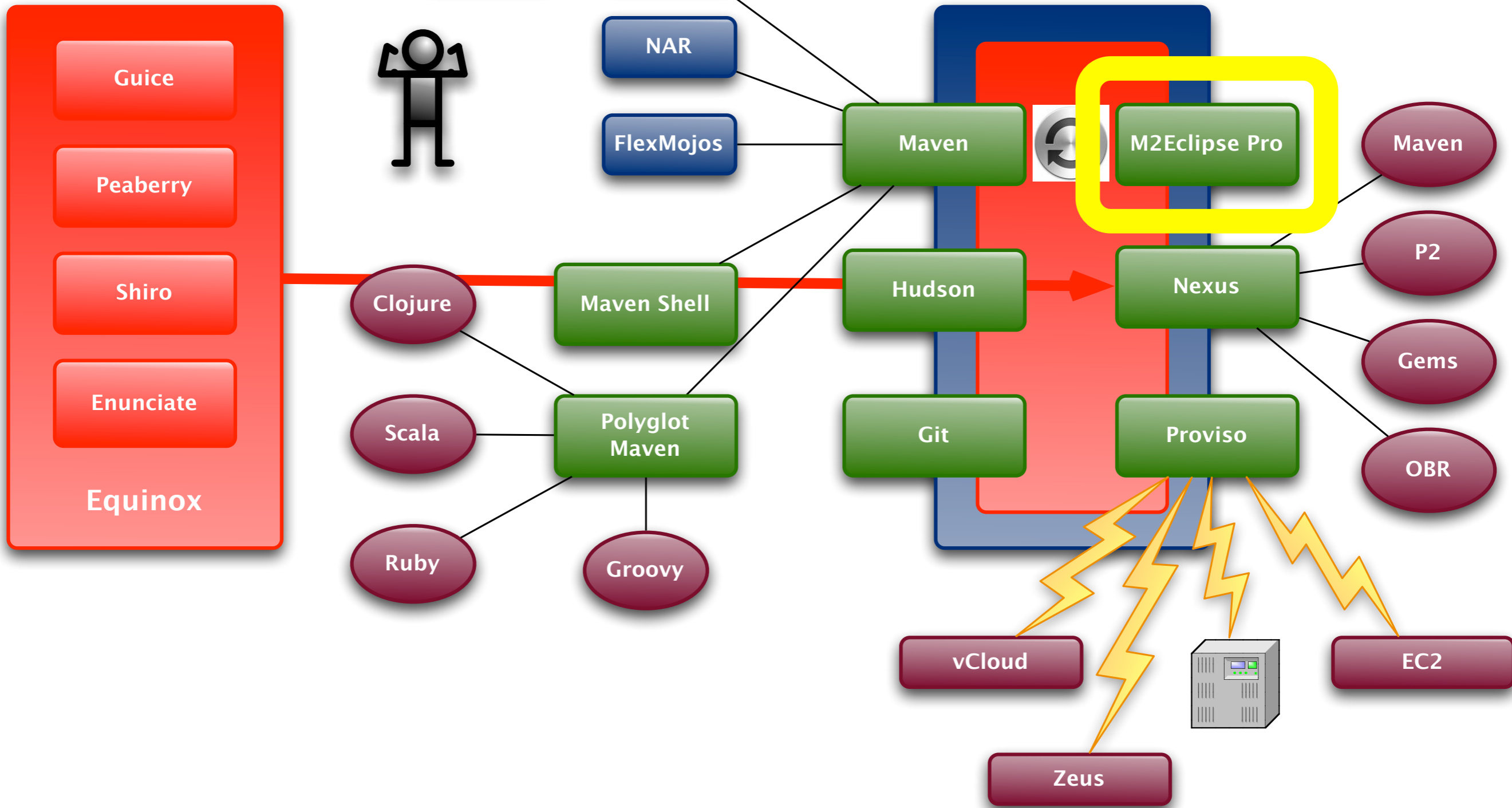


Tycho

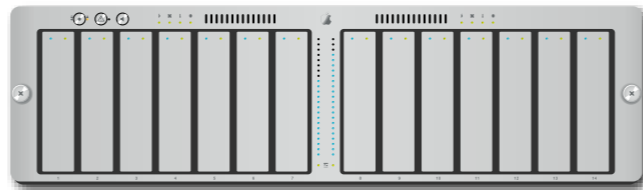
- * Tycho attempts to be a complete replacement for PDE headless build, Buckminster, and everything else that attempts to build OSGi bundles and Eclipse plugins in a MANIFEST.MF-first way.
- * Tycho already uses Eclipse/OSGi metadata to resolve project dependencies by OSGi rules and injects these dependencies into maven project model dynamically, at build time.
- * Tycho uses JDT to make sure modularity rules are applied.
- * Tycho uses the OSGi state resolver is used to make sure the resolution that occurs during build-time matches what you will need at runtime.
- * Tycho supports bundles, fragments, features and update sites, as well as RCP applications.
- * Tycho knows how to run JUnit test plugins using the OSGi runtime.
- * Tycho has support for P2 repositories, Update Sites and Maven repositories.
- * Tycho supports POM-first OSGi bundles.
- * M2Eclipse has support for importing Tycho projects as Eclipse PDE projects.

Maven Stack Infrastructure

Maven Stack Implementation

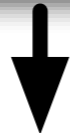


m2eclipse Configuration Framework



Turn Maven mumbo-jumbo into Eclipse talk

Automation & Maven



WTP

JDT

m2eclipse + configuration framework

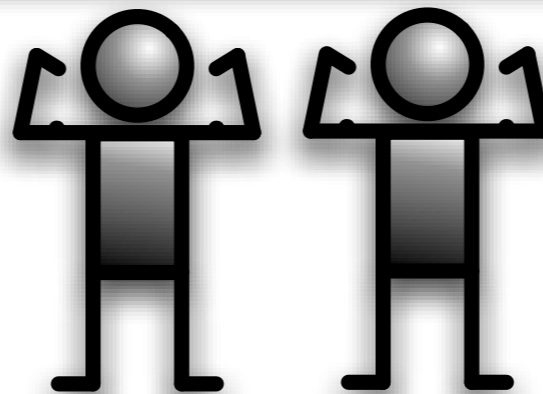
AJDT

Flex

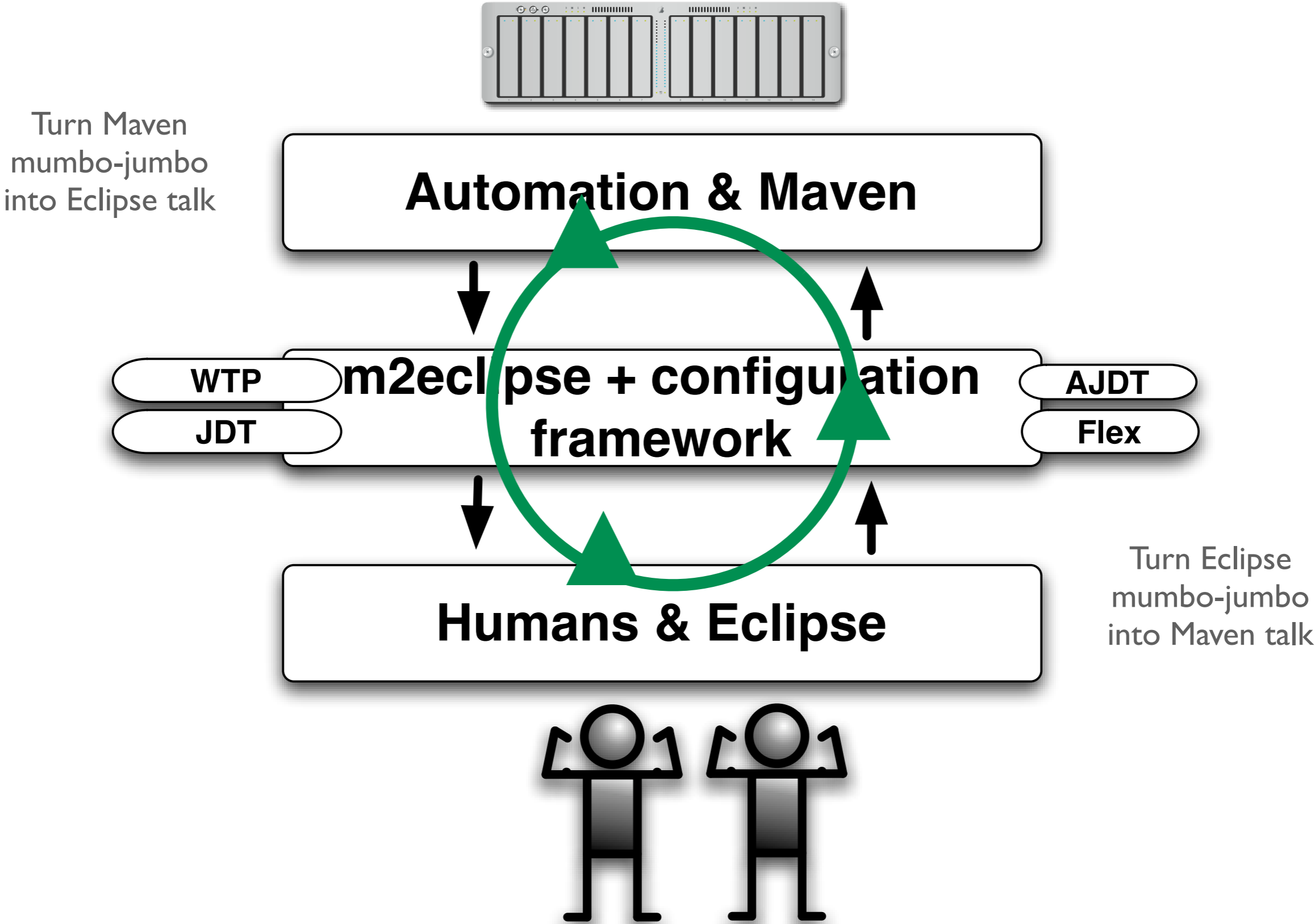


Humans & Eclipse

Turn Eclipse mumbo-jumbo into Maven talk

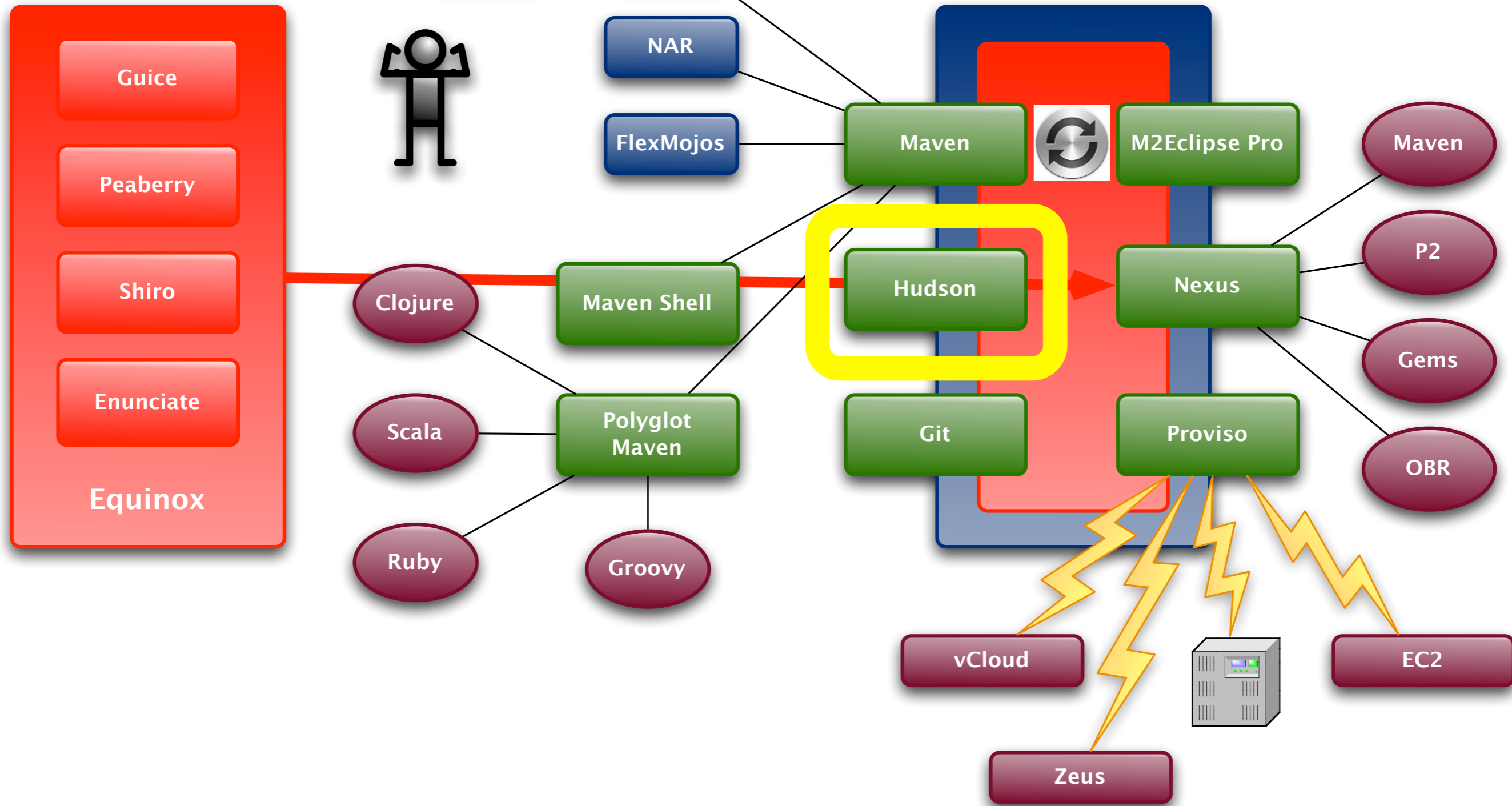


m2eclipse Configuration Framework



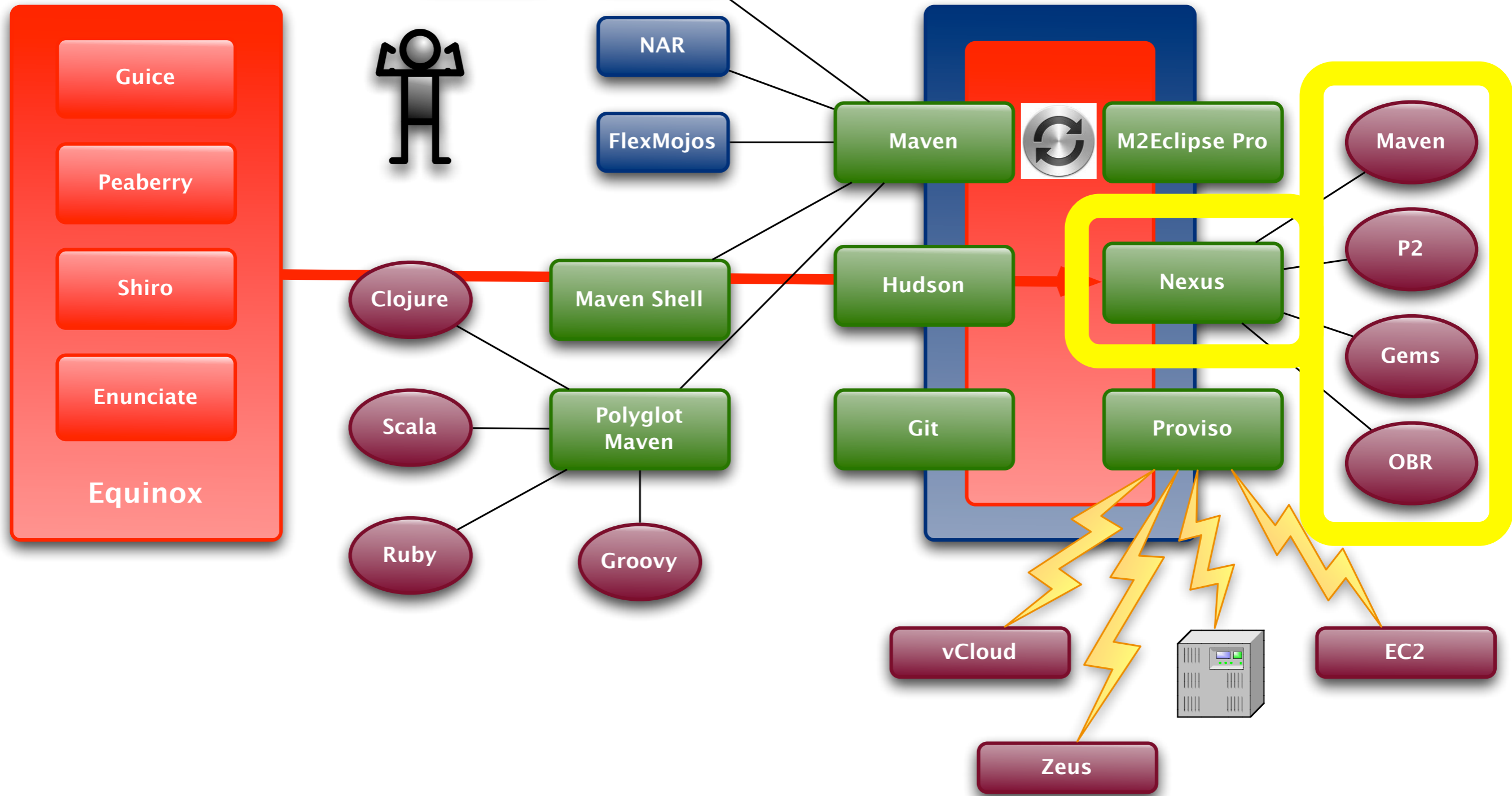
Maven Stack Infrastructure

Maven Stack Implementation

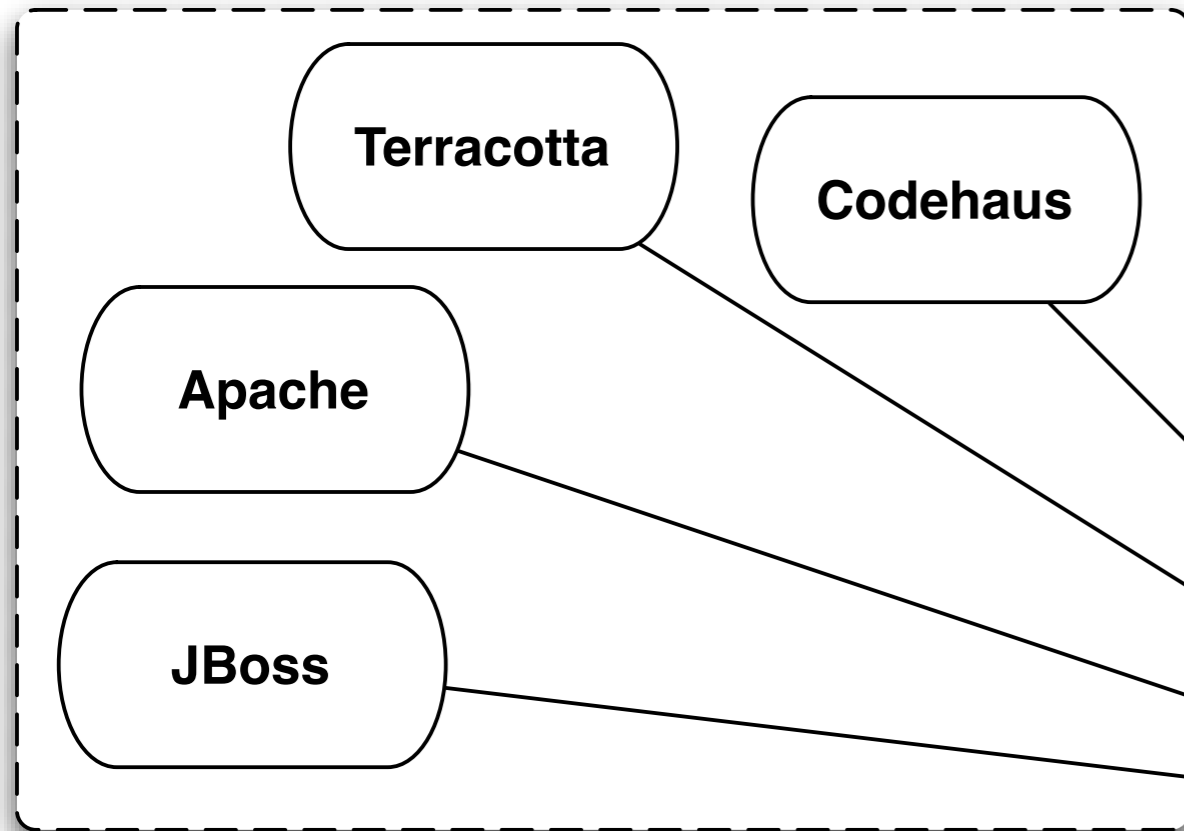


Maven Stack Infrastructure

Maven Stack Implementation

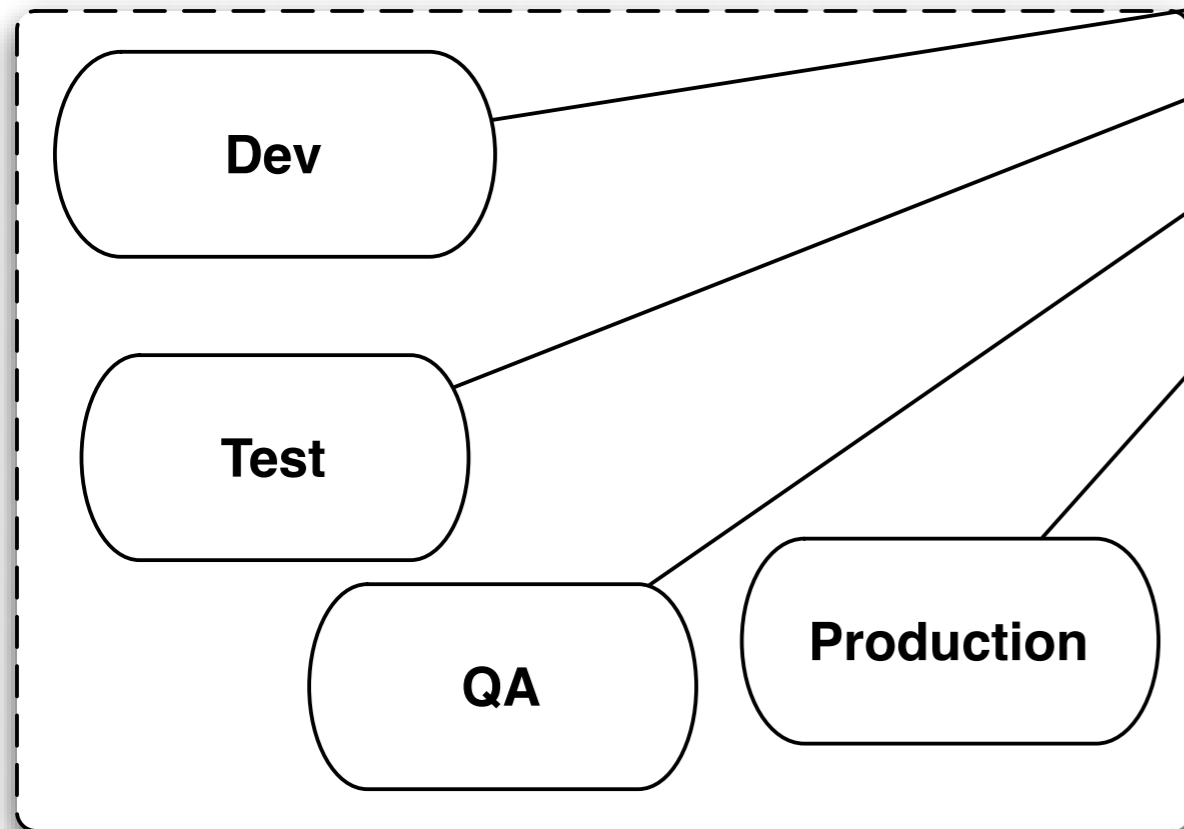


Configuration management



Open Source Ghetto

- bad POMs
- repositories in POMs (bad dog!)
- mixed snapshot and release repositories
- incorrect optional dependencies

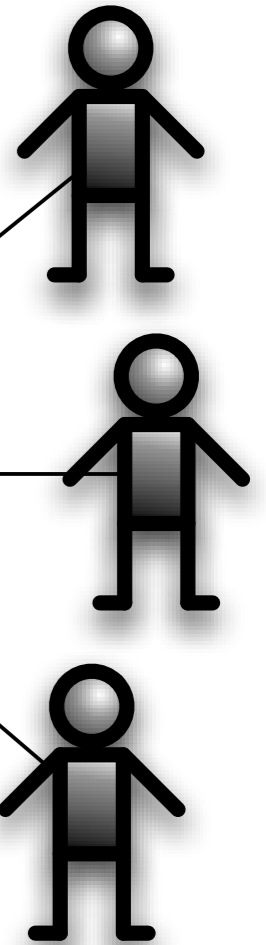


Nexus

One repository configuration!

Group

Unified indices for m2e



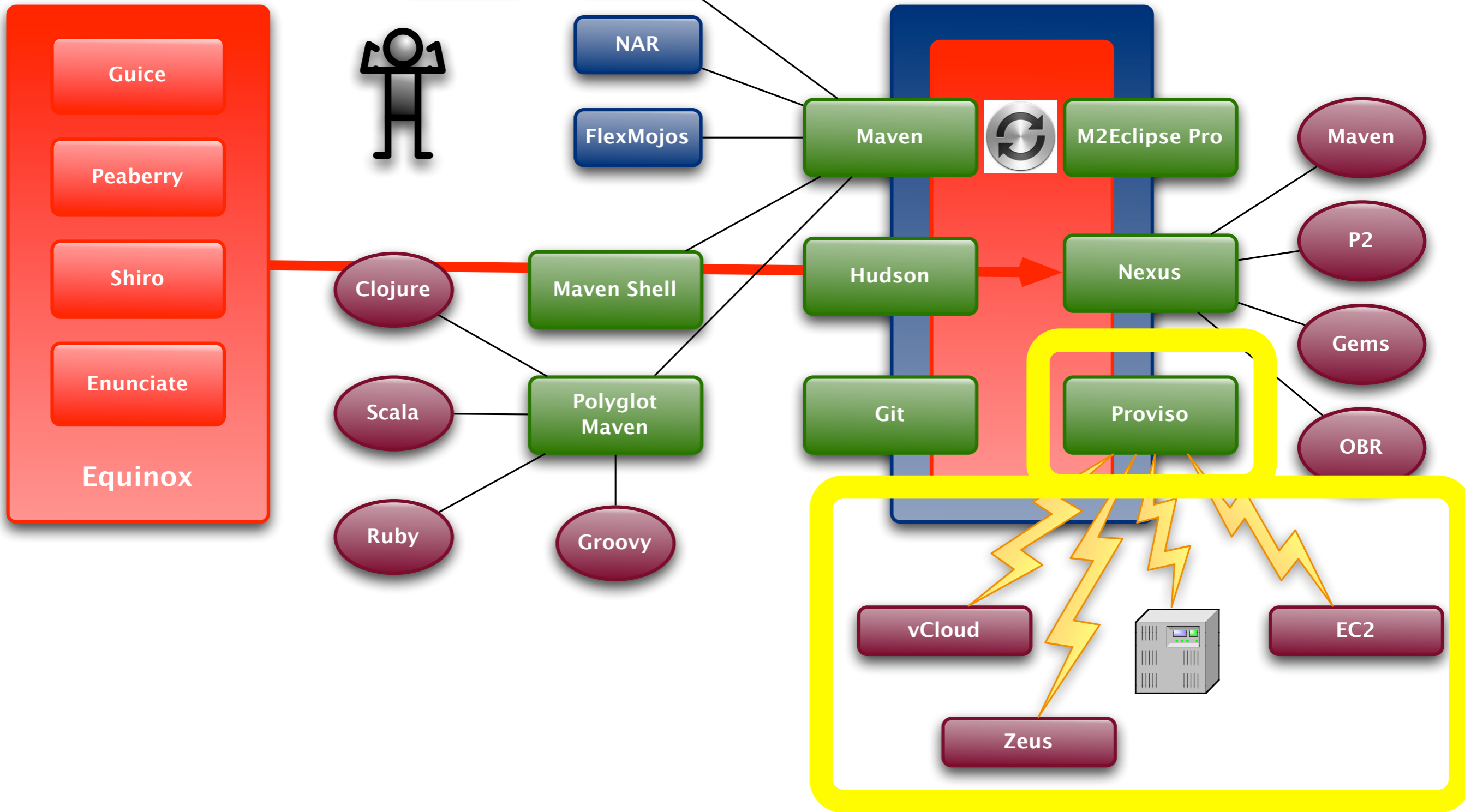
Precious Developers

~~Your Ghetto~~ World

Just kidding, your dev environment is probably perfect

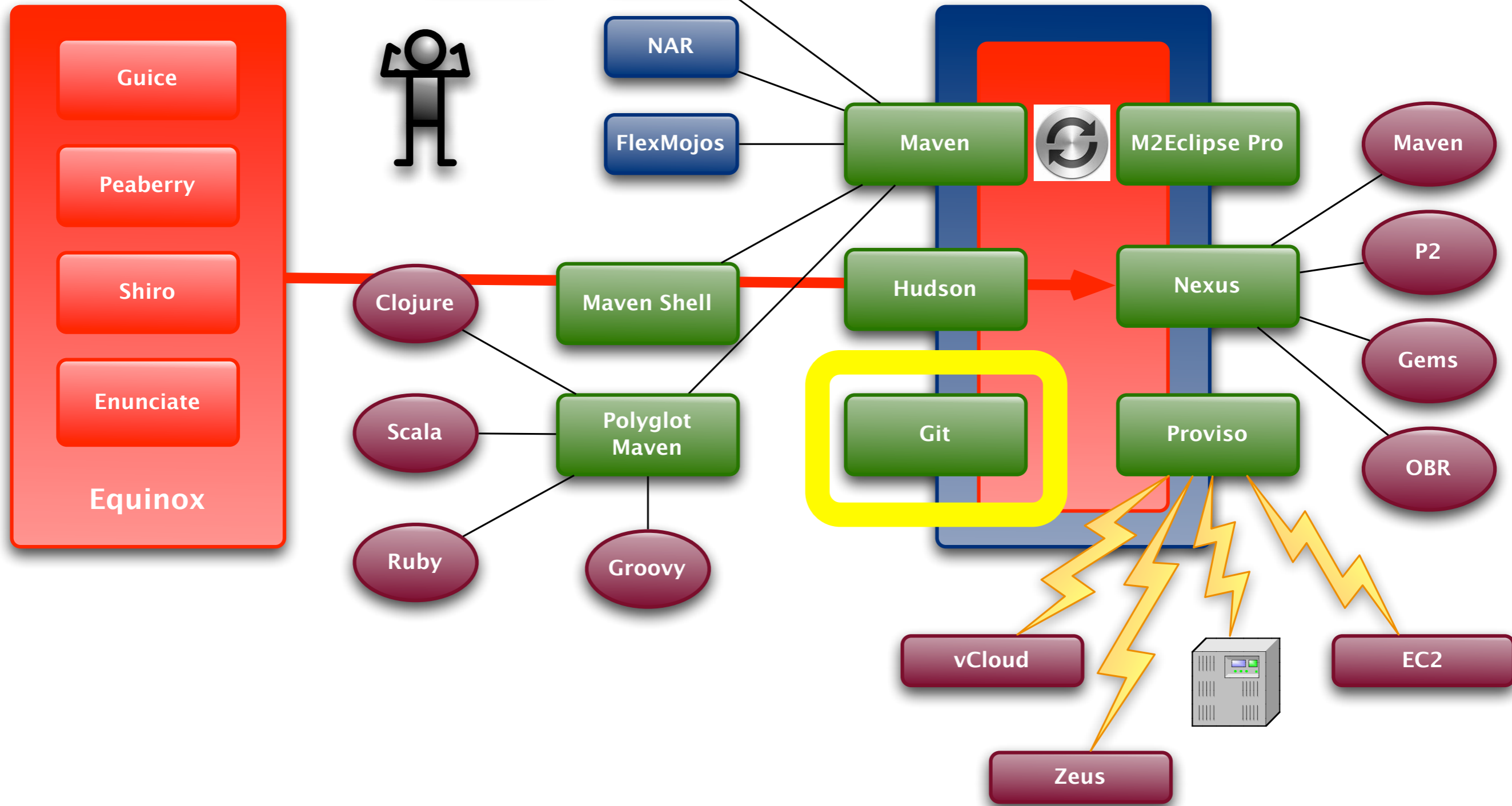
Maven Stack Infrastructure

Maven Stack Implementation

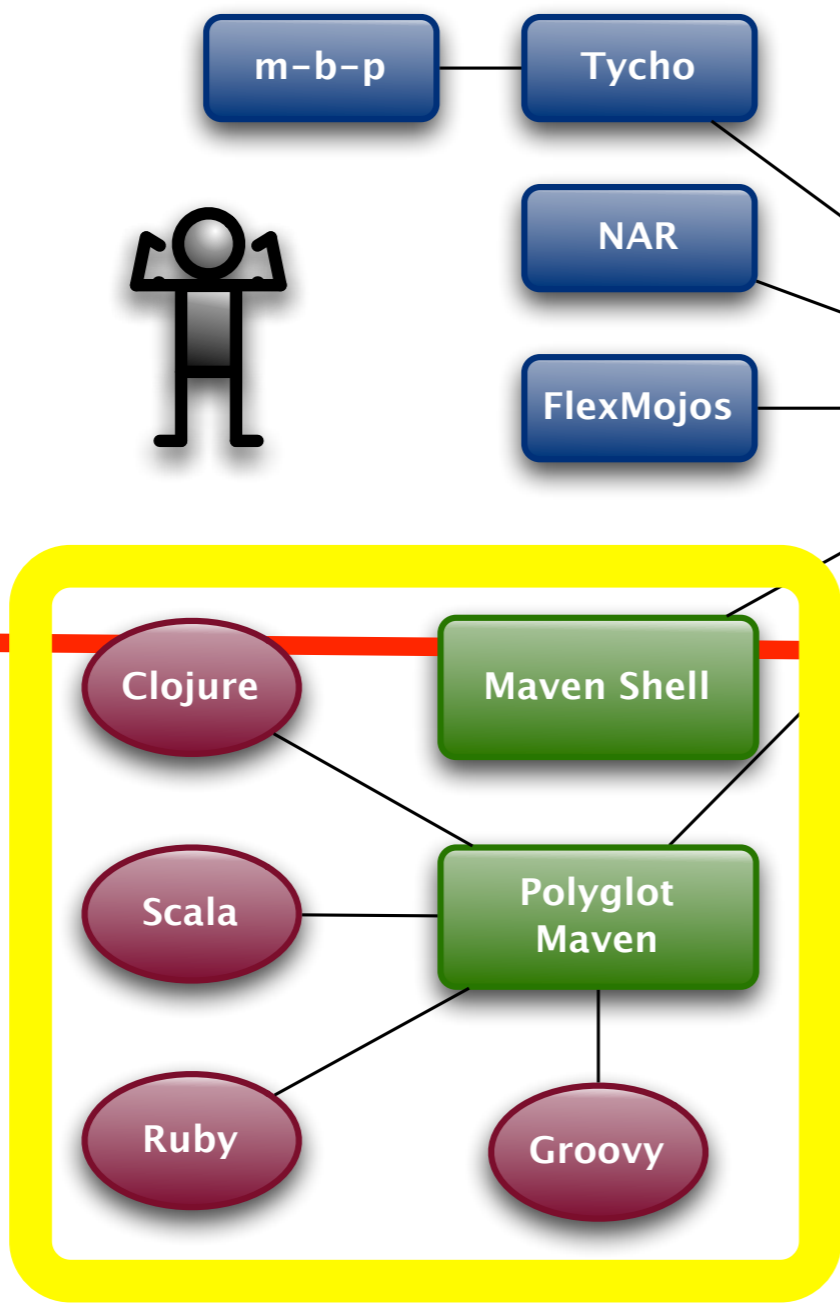
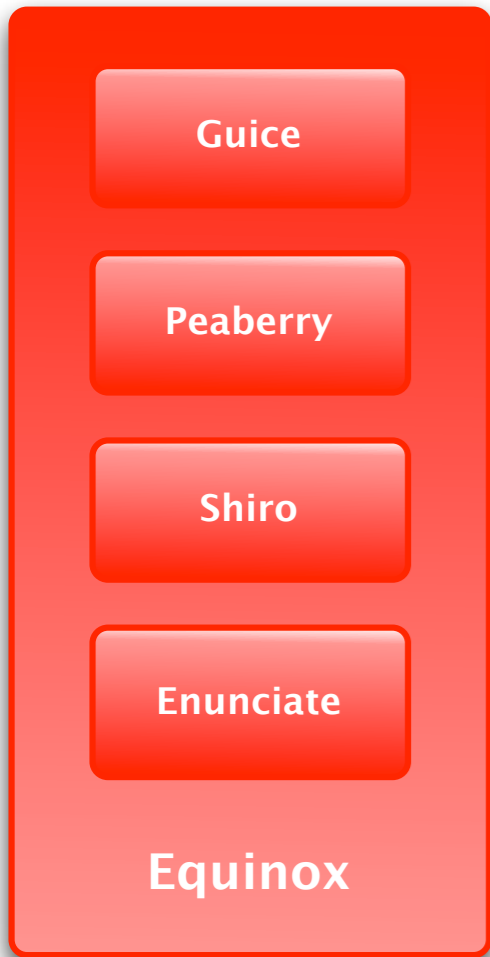


Maven Stack Infrastructure

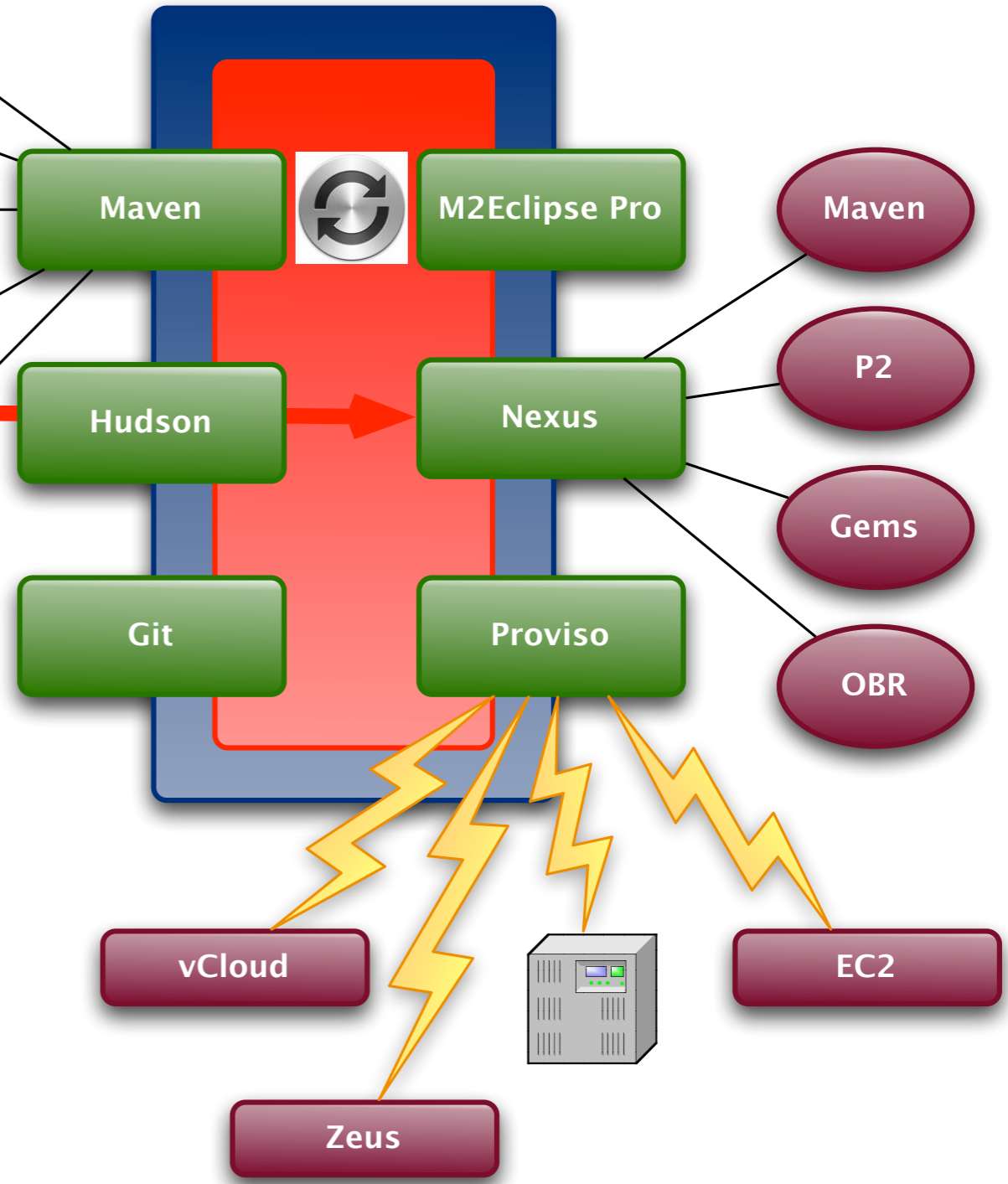
Maven Stack Implementation



Maven Stack Infrastructure



Maven Stack Implementation



Maven Shell 0.9

<http://repo2.maven.org/maven2/org/sonatype/maven/shell/mvnsh-assembly/0.9/mvnsh-assembly-0.9-bin.zip>

The Java community needs another
build infrastructure like a ...

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build infrastructure like a ...



TUSSELØYPA



Wednesday, January 27, 2010



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Suck less.
Use Maven.